

TOP LEVEL TECHNICAL SUPPORT CONTRACT IW-473

ACTIVITY REPORT FOR SEPTEMBER 1958

The following personnel were active in furnishing top level technical support:

1. [REDACTED] 11 September 1958, 8 hours; visit to Headquarters for technical discussions and for the purpose of evaluating material.
2. [REDACTED] 1-4 September incl. 1958, 32 hours; conclusion of his visit to "B" Detachment for the purpose of improving operational capability of equipment and instruction of personnel.
3. [REDACTED] 2-12 September incl. 1958, 72 hours; visit to test site, Edwards AFB, for the purpose of supporting Series J Red Dot Tests. The work involved preparation and flight test of 3 Mark II trackers, followed by support of test series operations. The visit was terminated because of accident damage to the trackers.
4. [REDACTED] 10 September 1958, 6 hours; visit to Headquarters for technical discussions (see 5. below)
5. [REDACTED] 10 September and 30 September 1958, 16 hours; visits to Headquarters for technical discussions, particularly concerning problems brought to light during the recent detachment visits.
6. [REDACTED] 52 hours cumulative total for in-plant technical problem investigation relating to equipment capability, distributed as follows:

Week ending	5 September 1958	- 24 hours
"	12 September 1958	- 8 hours
"	19 September 1958	- 12 hours
"	26 September 1958	- 8 hours

The subject time was applied to the particular problems of tracker interference with System IV, the proposed tracker modification for synchronization, and residual field problems of a technical nature. These studies were carried to the point where a decision was reached as to the technical approach, with all necessary coordination initiated; from this point on, the problems were handled as routine projects by the Engineering Staff.

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ACTIVITY REPORT FOR NOVEMBER 1958

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1. [REDACTED] 4 November 1958, 8 hours; visit to Headquarters for technical liaison with [REDACTED]. Subjects for discussion included procedures to be instituted at the detachments for automatic detection of electrical grounding of the tracker during preflight, and tracker speed regulation considerations. Informal bulletins were provided for [REDACTED] STATINTL to carry over. Some detailed requirements for the proposed "B" sorting printer were discussed, which could form the basis for a new proposal submission.

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2. [REDACTED] 4-18 November incl., 1958, 88 hours, visit to Edwards AFB for conclusion of Series I Reliability Tests. During this period four missions were run as permitted by weather. Because of the need for deploying two of the Mark I-A trackers, and considering that the test purposes were essentially satisfied, the tests were terminated. No. 3 and No. 14 trackers were then cleaned and properly prepared for shipment. As an incidental result of the tests, it was determined that it is feasible to hang unmounted red gelatin strip filters from the fixed vertical shields close to the prism, and that the filters are durable.